REMARKS

Claims 1-6, 8-20, and 22 are pending in the present application. Claims 1-2, 8-9, 12-13, 16-17, 20, and 22 have been amended. No claims have been cancelled, or added. Therefore, after entry of the above amendments, claims 1-6, 8-20, and 22 will be pending in this application. Applicants believe that the claims are in condition for allowance, which prompt and favorable action is respectfully requested.

I. REJECTION UNDER 35 U.S.C. §112

Claims 1-6 and 8-19 are rejected under 35 USC 112, second paragraph, as being indefinite. Applicants have amended the claims 1-2, 8-9, 12-13, and 16-17 to have proper antecedent basis. In addition, Applicants have found similar unintentional typographical errors in claims 20 and 22 and have amended claims 20 and 22 to also have proper antecedent basis. Therefore, Applicants respectfully request the withdrawal of the rejection on claims 1-6 and 8-19 under 35 USC 112, second paragraph.

II. REJECTION UNDER 35 U.S.C. §103

Claims 20 and 22 are rejected under 35 U.S.C. §103(a) as being unpatentable over of Hwang et al. U.S. Patent Publication No. 2002/0196766 (hereinafter "Hwang") in view of Hunzinger U.S. Patent Publication No. 2006/0046767 (hereinafter "Hunzinger"). The rejection is respectfully traversed.

Hwang does not describe:

"detecting an interferer;

determining whether the interferer is a narrow-band interferer or a wide-band interferer, when the interferer is detected;

enabling close-loop power control when the wide-band interferer is determined; and,

disabling the close-loop control and filtering when the narrow-band interferer is determined" as Claim 20 recites.

Hwang describes using closed loop power control on the downlink and open loop power control on the uplink [0009]. Hwang also describes using "normal

uplink/downlink transmission power control, typically using closed-loop power control method in the NB-TDD…" [0094]. Hwang does not describe enabling open or closed loop power control based on what type of interferer there is (narrow or wideband) as Claim 20 recites. In contrast, Hwang describes that the criteria for switching modes (normal closed loop or resetting power) is "whether there exists uplink transmission data" [0095], or elsewhere described as a transmission "pause." Hwang does not describe enabling power control modes based on "whether the interferer is a narrow-band interferer or a wide-band interferer" as Claim 20 recites.

Thus, not only does Hwang not describe "determining whether the interferer is a narrow-band interferer or a wide-band interferer…" as noted in the Office Action, but Hwang does not describe enabling a mode (closed or open loop) based on whether or not the interferer is a narrow-band interferer or a wide-band interferer. Hwang describes that the criteria for switching modes is based on a transmission pause.

Moreover, Hwang does not disclose any motivation or teaching to combine with Hunzinger. Hwang describes measuring "SIR" and "performing open loop power control by measuring a propagation loss" [0049]. Hwang describes that the criteria for switching modes is based on a transmission pause. Thus, Hwang does not teach or provide a motivation to want to determine whether the interferer is a narrow-band interferer or a wide-band interferer. Therefore, there is motivation or teaching to combine with Hunzinger in which a description of narrow/ wide band interference is provided.

Neither Hwang nor Hunzinger independently or combined teach or disclose all of the limitations of Claim 20. For at least this reason Claim 20 is patentable.

Claim 22 depends from independent Claim 20, and is patentable for at least the same reasons as stated with respect to Claim 20 and other novel features contained therein.

Therefore, Therefore, Applicant respectfully requests withdrawal of the rejection under 35 U.S.C. §103 on claims 20 and 22.

CONCLUSION

In light of the amendments contained herein, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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By: /D. Scott Juneau/
Darrell Scott Juneau, Reg. No. 39,243
(858) 658-2491

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 658-5787
Facsimile: (858) 658-2502